CLAIMS

What is claimed is

1. The method of producing dynamic web page content for transmission on a computer network, comprising the steps of:

5   receiving at least one static web page, said static web page containing layout and content definitions;

extracting said layout definition from said static web page thereby creating at least one template web page; and

mapping dynamic web content into said template web page, thereby creating

10   at least one dynamic web page containing said dynamic content.

    2.   The method of producing dynamic web page content of Claim 1, wherein said static web page contains Hyper Text Markup Language.

    3.   The method of producing dynamic web page content of Claim 1, wherein said template web page contains Hyper Text Markup Language.

15   4.   The method of producing dynamic web page content of Claim 1, wherein said dynamic web page contains Hyper Text Markup Language.

    5.   The method of producing dynamic web page content of Claim 1, further comprising the step of retrieving said dynamic web content from a computer-readable medium.

20   6.   The method of producing dynamic web page content of Claim 5, wherein said step of retrieving said dynamic web content from a computer-readable medium includes retrieving said dynamic content from a computer database.

-26-

7.   The method of producing dynamic web page content of Claim 5, wherein said

step of retrieving said dynamic web content from a computer-readable medium

includes retrieving said dynamic content from a computer fle system.

8.   The method of producing dynamic web page content of Claim 5, wherein said

5   step of retrieving said dynamic content from a computer-readable medium

includes retrieving said dynamic web content from a computer network

interface.

9.   The method of producing dynamic web page content of Claim 8, wherein said

step of retrieving said dynamic web content from a computer network interface

10   includes retrieving said dynamic content from a local area network interface.

10.   The method of producing dynamic web page content of Claim 8, wherein said

step of retrieving said dynamic web content from a computer network interface

includes retrieving said dynamic content from an Internet.

11.   The method of producing dynamic web page content of Claim 1, further

15   comprising the step of receiving a first reference to said static web page and a

second reference to said dynamic web content via an Hyper Text Transfer

Protocol Post command

12.   The method of producing dynamic web page content of Claim 1, further

comprising providing a servlet for extracting said template web page from said

20   static web page.

13.   The method of producing dynamic web page content of Claim 1, further

comprising providing a servlet for mapping said dynamic web content into said

template web page.

14.   The method of producing dynamic web page content of Claim 1, further

5   comprising the storing of said dynamic web page in a computer-readable

media.

15.   The method of producing dynamic web page content of Claim 1, further

comprising transmitting said dynamic web page over a computer network.

16.   The method of producing dynamic web page content of Claim 15 wherein said

10   computer network includes a local area network.

17.   The method of producing dynamic web page content of Claim 15 wherein said

computer network includes an Internet.

18.   A computer program product for use with a web server system to create

dynamic web documents, comprising:

15   a computer usable medium having computer readable program code means

embodied in said medium for receiving a static web document, said

static web document having layout definition and content definition;

a computer usable medium having computer readable program code means

embodied in said medium for extracting said layout definition and
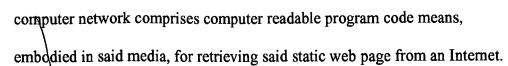
20   creating a template web document;

-28-

a computer usable medium having computer readable program code means

embodied in said medium for receiving dynamic web content suitable

for mapping into a web document; and

a computer usable medium having computer readable program code means

5   embodied in said medium for mapping said dynamic web content into

said template web document, thereby creating a dynamic web page.

19.   A computer program product according to Claim 18, wherein said static web

page comprises a Hyper Text Markup Language web page.

20.   A computer program product according to Claim 18, wherein said template

10   web page comprises a Hyper Text Markup Language web page.

21.   A computer program product according to Claim 18, wherein said dynamic

web page comprises a Hyper Text Markup Language web page.

22.   A computer program product according to Claim 18, wherein said computer

readable program code means for receiving a static web document comprises

15   computer readable program code means, embodied in said media, for retrieving

said static web page from a computer database.

23.   A computer program product according to Claim 18, wherein said computer

readable program code means for receiving a static web document comprises

computer readable program code means, embodied in said media, for retrieving

20   said static web page from a computer network.

24.   A computer program product according to Claim 23, wherein said computer

readable program code means for retrieving said static web page from a

computer network comprises computer readable program code means,

embodied in said media, for retrieving said static web page from an Internet.

25.   A computer program product according to Claim 18, wherein said computer

readable program code means for receiving a static web document comprises

5   computer readable program code means, embodied in said media, for retrieving

said static web page from a computer file system.

26.   A computer program product according to Claim 18 comprising at least one

servlet.

27.   A computer program product according to Claim 26 comprising at least one

10   Java servlet.

28.   A computer program product according to Claim 18, wherein said computer

readable program code means further comprises computer readable program

code means, embodied in said media, for storing said dynamic web page in a

computer readable medium.

15   29.   A computer program product according to Claim 29 wherein said computer

readable program code for storing said dynamic web page in a computer

readable medium comprises computer readable program code means,

embodied in said media, for storing said dynamic web page in a computer file

system.

20   30.   A computer program product according to Claim 29 wherein said computer

readable program code for storing said dynamic web page in a computer

readable medium comprises computer readable program code means,

embodied in said media, for storing said dynamic web page in a computer database.

31.   A computer program product according to Claim 18, wherein said computer readable program code means further comprises computer readable program

5   code means, embodied in said media, for transmitting said dynamic web page over a computer network.

32.   A computer program product according to Claim 32, wherein said computer network comprises an Internet.

33.   A system for producing web pages containing dynamic content, comprising:

10   a means for receiving a first web page;

a means for extracting a layout definition from said first web page;

a means for receiving a dynamic web content to be mapped into a web page; and

a means for mapping said dynamic web content into said layout definition

15   thereby creating a second web page.

34.   A system for producing web pages containing dynamic content according to Claim 34 wherein said means for receiving a first web page includes a means for receiving a Hyper Text Markup Language web page.

35.   A system for producing web pages containing dynamic content according to

20   Claim 35 wherein means for receiving a Hyper Text Markup Language web page includes a means for receiving web pages from a computer database.

36.   A system for producing web pages containing dynamic content according to Claim 35 wherein means for receiving a Hyper Text Markup Language web page includes a means for receiving web pages from a computer file system.

37.   A system for producing web pages containing dynamic content according to

5   Claim 35 wherein means for receiving a Hyper Text Markup Language web page includes a means for receiving web pages from a computer network.

38.   A system for producing web pages containing dynamic content according to Claim 38 wherein means for receiving web pages from a computer network includes a means for receiving web pages from an Internet.

10   39.   A system for producing web pages containing dynamic content according to Claim 34 wherein said means for extracting said layout definition from said first web page comprises a servlet program.

40.   A system for producing web pages containing dynamic content according to Claim 34 wherein said means for mapping said dynamic web content into said

15   layout definition and creating a second web page comprises a servlet program.

41.   A system for producing web pages containing dynamic content according to Claim 34 further comprising a means for storing said second web page in a computer database.

42.   A system for producing web pages containing dynamic content according to

20   Claim 34 further comprising a means for storing said second web page in a computer file system.

43.   A system for producing web pages containing dynamic content according to Claim 34 further comprising a means for transmitting said second web page over a computer network.

44.   A system for producing web pages containing dynamic content according to

5   Claim 43 wherein said computer network includes an Internet.